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Amendments to the Drawings:

The attached 8 sheets of drawings include changes to Figs. 1 through 13. The drawings themselves have not been changed. The amended drawings are of improved quality and with the views being labeled separately and properly. In some instances, the labelling of the views separately necessitated an increase in the number of labeled subdivisions per figure.

Sheet 1, which includes Fig.1, replaces the sheet that includes Fig.1.

Sheets 2-4, which includes Figs. 2a-2f replaces the sheet that includes Figs. 2a through 2d.

Sheets 5-6, which includes Figs. 3a-3e, replaces the sheet that includes Figs. 3a-3c.

Sheets 7-8, which includes Figs. 4a-4d, replaces the sheet that includes Figs. 4a-4d.

Sheet 9, which includes Figs. 5a-5e, replaces the sheet that includes Figs. 5a-5d.

Sheets 10-11, which includes Figs. 6a-6f, replaces the sheets that includes Figs. 6a-6e.

Sheet 12, which includes Figs. 7a-7d, replaces the sheet that includes Figs. 7a-7c.

Sheet 13, which includes Figs. 8a-8c replaces the sheet that includes Figs. 8a-8c.

Sheet 14, which includes Figs. 9a-9d replaces the sheet that includes Figs. 9a-9d

Sheet 15, which includes Figs. 10a-10b replaces the sheet that includes Figs. 10a-10b.

Sheets 16-17, which includes Figs. 11a-11g replaces the sheet that includes Figs. 11a-11c.

Sheet 18, which includes Figs. 12a-12d replaces the sheet that includes Figs. 12a-12d.

Sheet 19, which includes Figs. 13a-13c replaces the sheet that includes Figs. 13a-13b.

Attachment: 19 replacement sheet(s).

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REMARKS

Applicant appreciates consideration of this 1.312 amendment.

Claim 33 is allowed.

The instantly attached new drawings contain no new matter, and are being filed for the express purpose of satisfying the draftsperson's requirement to properly and separately label the views of Figures 2-13, and to improve the quality of the figures.

The instant amendment to the specification contains no new matter, and is presented to satisfy the draftsperson's requirement to properly and separately label the views of Figures 2-13. Accordingly, the instant amendments to the Brief Description of the Drawings section of the specification concern Figures 2-13 and correlate to only the newly assigned labeling of the views. In some instances, the proper labeling of the views separately necessitated an increase in the number of labeled views per figure.

The description of Figure 1 was amended to include SEQ ID NOs tags for the sequences presented in Figure 1, and includes no new matter. These sequences and associated SEQ ID NO: tags are disclosed in the sequence listing which is already in the instant application.

Marked up copies of these drawings are attached.

1/14/05

Applicants respectfully request entry of the amendment and remarks.

Date:

Respectfully submitted,

Name: Kathleen M. Williams Registration No.: 34,380

Customer No.: 29933 Palmer & Dodge LLP 111 Huntington Avenue Boston, MA 02199-7613

Tel: 617-239-0100

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Yeast

Aradopsis-TFL1 Antirrhinum-CEN

> GQAMLSPP--RVIFPN---

GKWAKENNLQLVASNFFYAETK

NCORETAARRR

Murine PEBP Human PEBP

C.Elegans MVVLVTRSLLPALFFASRAPFAAATTSARFQRGLATMAAEAFTKHEVIPD Drosophlila

Antirrhinum-CEN

Aradopsis-TFL1

MNQAIDFAQASIDSYKKHGILEDVIH DTSFQPSGILAVEYSSS

MENMGTRVIEPLIMGRVVGDV MAAKVSSDPLVIGRVIGDV

VDHFTSTVKMSVIYNSNNSIKHVYNGHE

VLAS-NPPSKVVSVKFNSG-VEANLONV PDILKTCPATLLTVTYGGGQVVDVG

LDFFTPTTKMVSYNKK----QVSN@HE

APVAMONTLPTEKARSKP QFQFTFNKQM-

OFOEAN

YEODR.

LYKOSG FKOR PSSVSSKPERVEIHGGDLR-

RVEVHGGDMR-EVKWD AEPG- MSDSTVCFSKHKIV MAADISQWAGPLCL

MPVDLSKWSGPLSL QEVD-EQPQHPLHVTYAGA-AVDEL

KNRPISISWDG-LDSG

CMSIS

--DPN

QEVD-EPPQHALRVDYAGV-TVDEL

Human PEBP

Murine PEBP

XTX AF

KLYTL

Drosophlila

C.Elegans

AVAILABL

Zeast QKS	radopsis	mereran
PQANAYVPQD	TFL1	m-CEN
DDLF1.LVMII	SEFTI-WID	A + 11 - 3.30
PDAPSKTDHK	PDVEGPSDEFI	THE SECOND
WSEFCHLVEC	WEATHWIAN'	
DLKLLNEATHI	IPCI	
ITSGATEFFASI	1	
efntkgsntliey,	\radopsis-TFL1 SFFTLVMIDEDVPGPSDPRLKERLHWIVINEPGIFTDATFGKEVVS\	
GPAREKGSG	ELPRPS IGI	
PER	Ę	

PLKCDEP-IISNRSGDERGKFKVASFRKKYELRAPVÄGT CYQAEWDDYVPKLYEQIISGK PLSCDEP-IISNRSGDRFKVETFRKKYNLGAPVÄGT CYQAEWDDYVPKLYEQIISGK KLTCNEP-KIPKTSGDRFKNFSTSKFMSKYKLGDPIAGN FFQAQWDDYVPKLYKQIISGKK RIEDAEHGRITNTSGDRRGGMKAADFVAKHKLGAPVIEGN LFQAEYDDYVPILMKQIIGA	C.Elegans	Drosophlila	Murine PEBP	Human PEBP	
	RGGWKAADFVAKHKLGAPVEGN LEGAEYDDYVELL	JDP LAGN FEGAOWDDYVEKLYK	NKSGDNRGKFXVETFRKKYNLGAPVAGT CYQAEWDDYVPKLYE	<u> АРVAGT</u> СХОАЕМО <u>БХ</u> УТ	

Bait Prey RKIP (His-prototrophy)

yes yes no no

-19.29-a)

RKIP (B-gal activity)

kinase dead BXB cdk2 kinase p53

lamin

yes

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fig. 2b +>

BXB MEK ERK GST

BXB input

anti-Raf Western blot

BXB

input

anti-ERK Western blot

IERK

anti-Raf Western blot

BXB-BXB

anti-MEK Western blot

I MEK

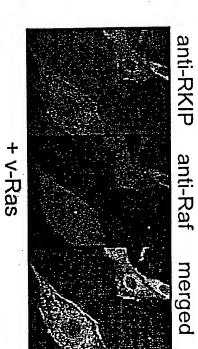
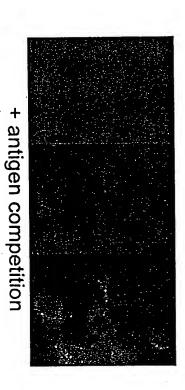


Fig. 2de





Rat-1 cell lysate

NB: αRa

purified recombinant proteins

-MEK

-MEK

MB: aRKIP

-RKIP

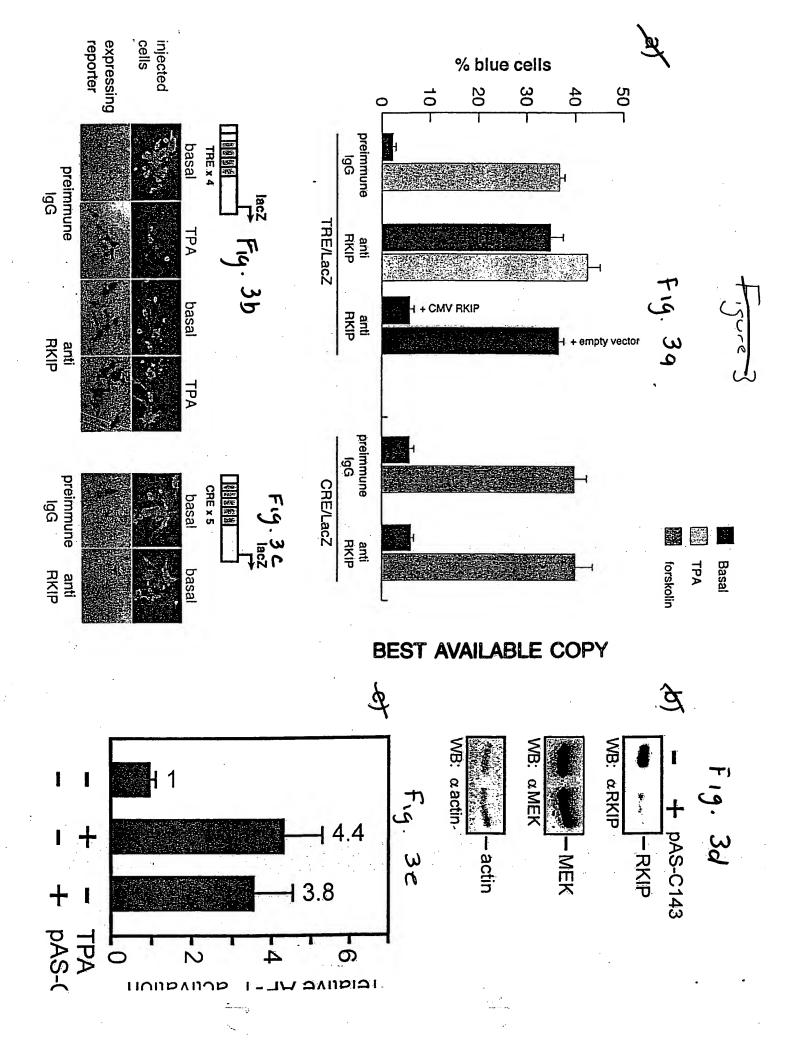
WB: αRKIP

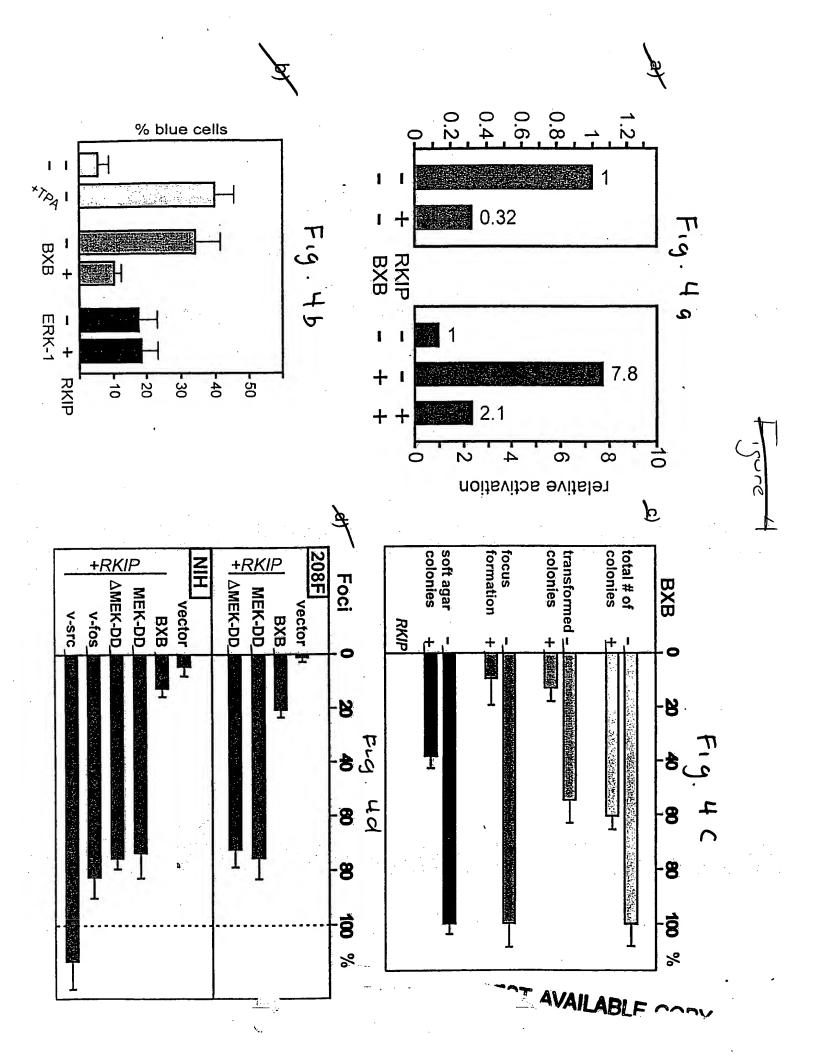
-Raf-1

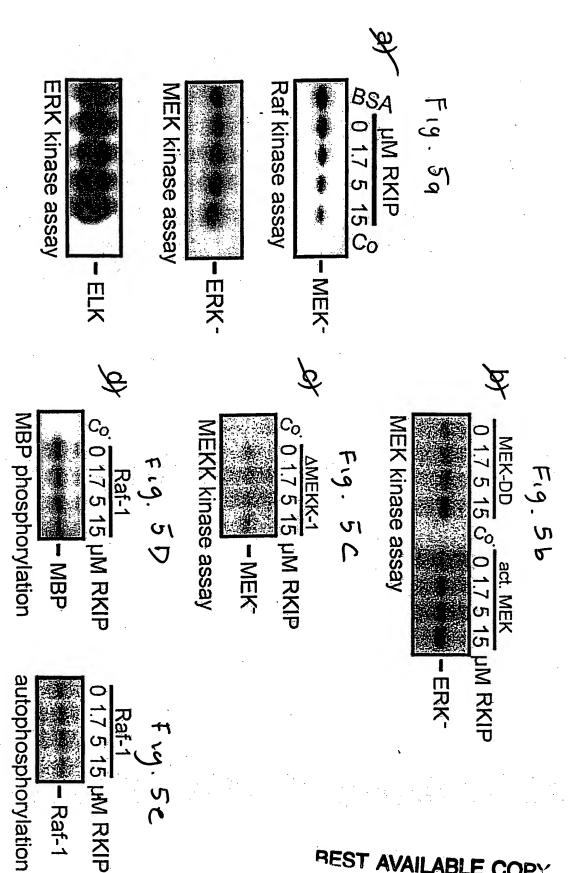
anti-RKIP anti-Raf

merged

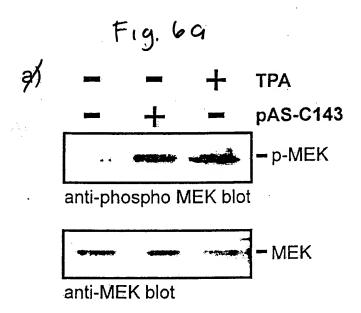
quiescent





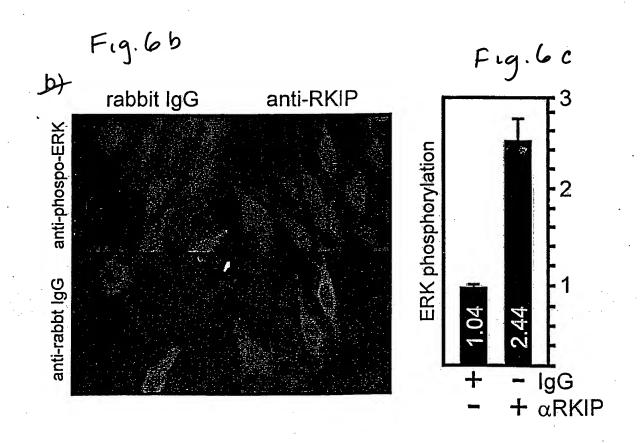


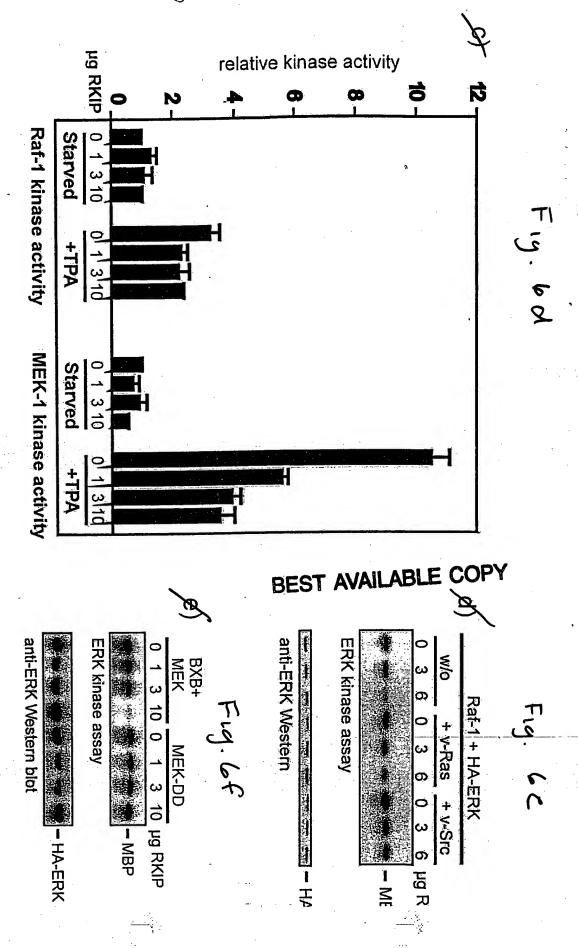
Eguce 6 a 15

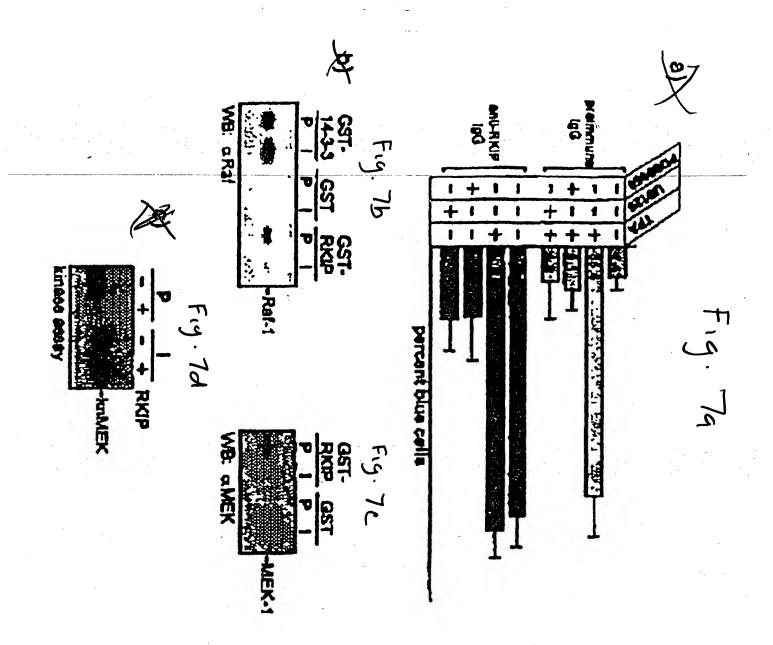


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 $\widetilde{\mathcal{X}}(\cdot)$





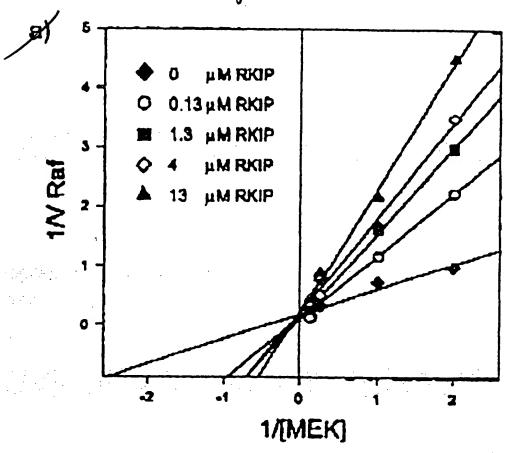


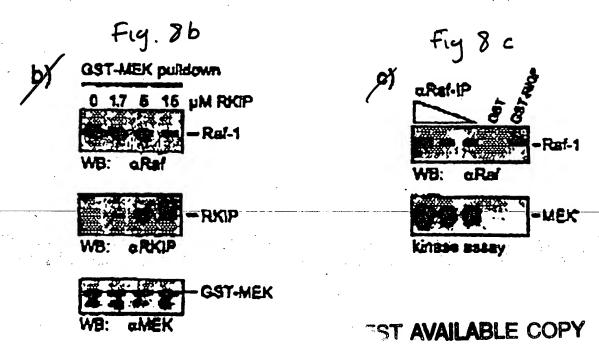
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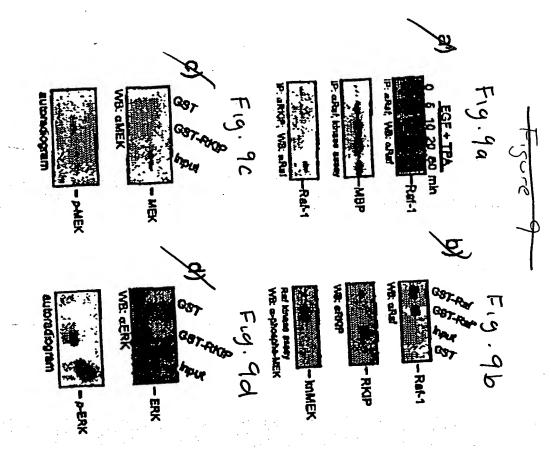
Front

Figure 8

Fig. 89

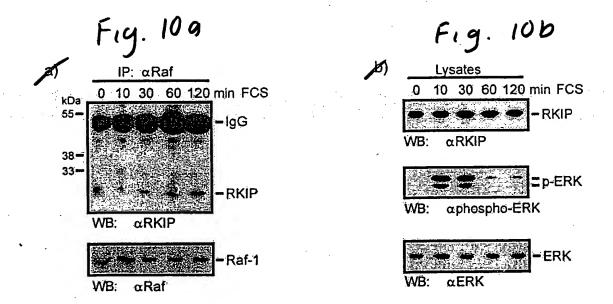


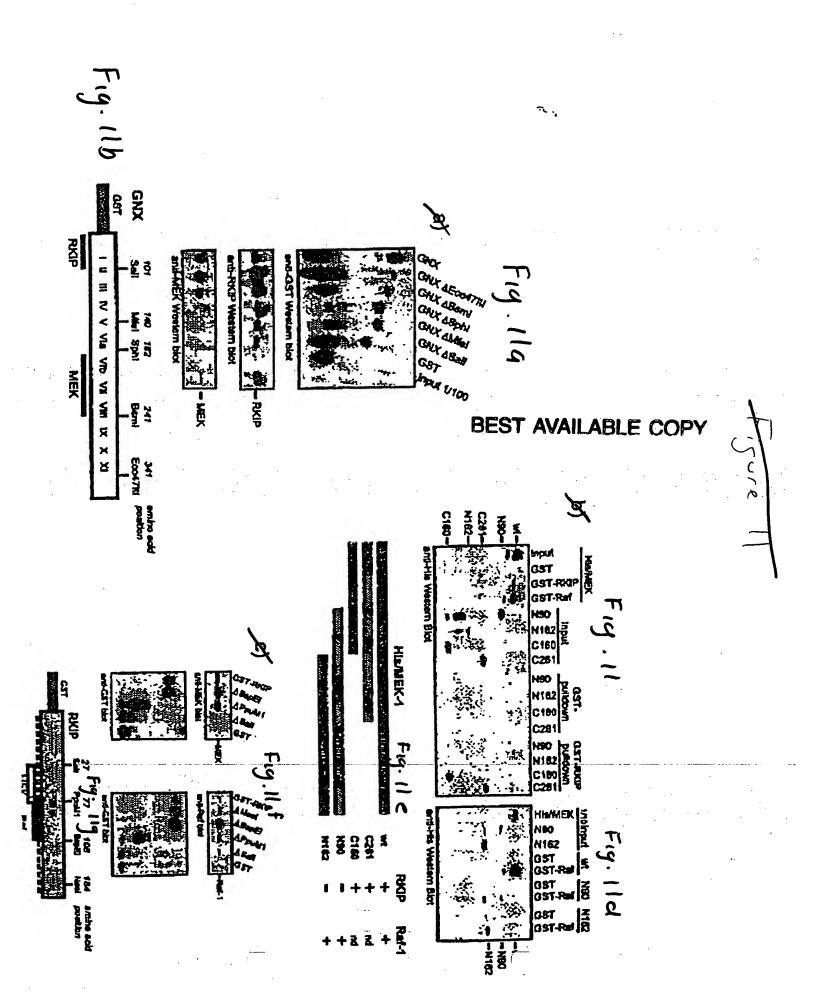




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Eyore 10





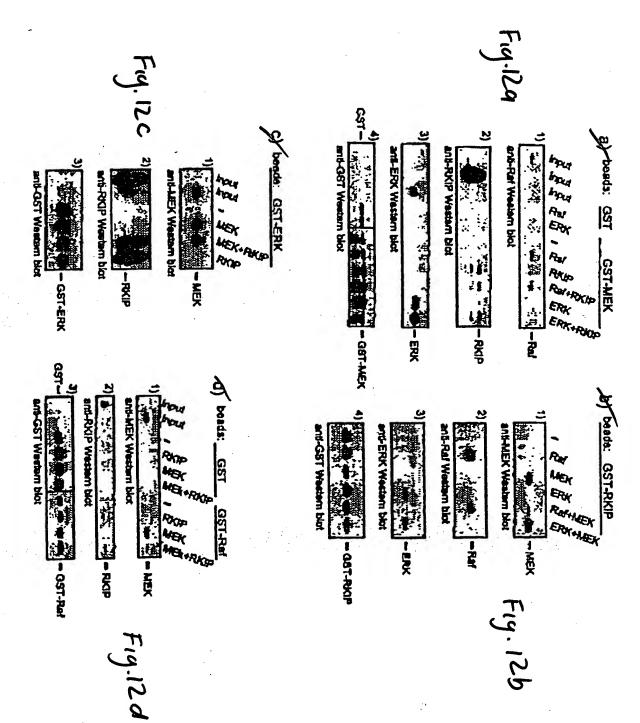
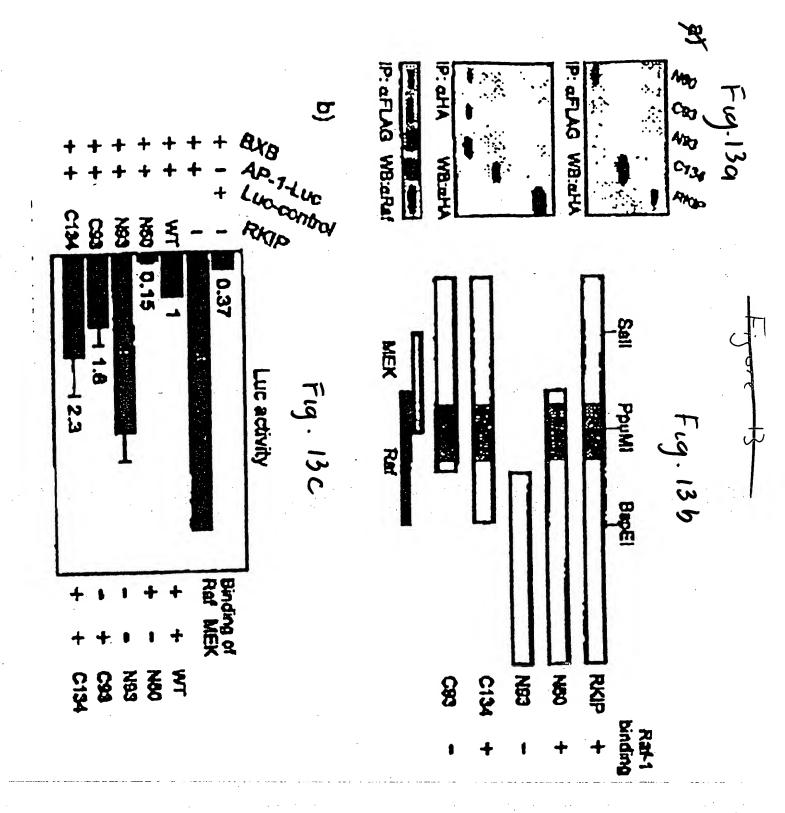


Figure 12

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